

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

**IDENTITY (As Used on Label and List)**

**Bonide Bulb Dust**

**ID # 4184**

Date: April 4, 2001

**Section I**

Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

(800) 424-9300  
(315) 736-8231

**Section II - Hazardous Ingredients/Identity**

Hazardous Components (Specific Chemical) Identity: Common Name(s)	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Methoxychlor CAS No. 72-43-5	15 mg/M3 (air)	15 mg/m3 (air)		
Thiram CAS No. 137-26-8	5 mg/M3	5 mg/M3	STEL 10 mg/M3	

OSHA Nuisance dust limit of 15 mg/M3 and ACGIH Nuisance dust limit of 10 mg/M3 may apply to this mixture.

**Section III - Physical/Chemical Ingredients**

BOILING POINT: NA	VAPOR PRESSURE (mm Hg): NA
MELTING POINT: N/A	SPECIFIC GRAVITY (H2O=1): N/A
VAPOR DENSITY (Air=1): NA	EVAPORATION RATE: NA
SOLUBILITY IN WATER: Insoluble	APPEARANCE AND ODOR: Fine, free-flowing buff to off-white colored dust.

**Section IV - Fire and Explosion Data**

FLASHPOINT: NA	FLAMMABLE LIMITS: N/A	LEL: N/A	UEL: N/A
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EXTINGUISHING MEDIA: Dry chemical, foam, carbon dioxide  
SPECIAL FIRE FIGHTING PROCEDURES: Backpacks and protective gear recommended. Avoid use of water to reduce contamination hazard.  
UNUSUAL FIRE AND EXPLOSION HAZARD: None

**Section V - Reactivity Data**

STABILITY: Stable	HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Extreme heat.	CONDITIONS TO AVOID IF OCCURS: NA
INCOMPATIBILITY (Materials to Avoid): N/A	HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NA

**Section VI - Health Hazard Information**

ROUTES OF ENTRY: Inhalation, Skin, Eyes, Ingestion	HEALTH HAZARDS (Acute and Chronic): May irritate eyes, nose, skin or throat. Inhalation of dust may be harmful.	
CARCINOGENICITY: NTP: No	IARC Monographs: No	OSHA Regulated: No
SIGNS AND SYMPTOMS OF EXPOSURE: Irritation of skin, eyes.		
EMERGENCY AND FIRST AID PROCEDURES: INGESTION: Induce vomiting and consult a physician immediately. SKIN: Flush with plenty of water. If irritation develops, seek medical attention. EYES: Flush with plenty of water. If irritation develops, seek medical attention. INHALATION: Remove victim to fresh air.		

**Section VII - Precautions for Safe Handling/Use**

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry place preferably locked and out of the reach of children and animals.

PROTECTIVE MEASURES: Respiratory Protection (Specify Type): NIOSH approved respirator for pesticide dusts.

VENTILATION: Local Exhaust: Preferred

Special: N/A

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Glasses

OTHER CLOTHING: Long sleeve shirt

WORK/HYGIENIC PRACTICES: Wash after handling and before eating or smoking.

**Section VIII - Environmental and Disposal Information**

**SPILL OR LEAK PROCEDURES:** Pick up spilled material with minimum generation of dust.

**WASTE DISPOSAL METHOD:** Dispose of according to local, State and Federal environmental regulations.

**ENVIRONMENTAL HAZARDS:** Toxic to fish. Do not contaminate waters.

**NOTICE:** This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

**KEEP OUT OF REACH OF CHILDREN**

**ABBREVIATION KEY**

N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

ND: Not Determined

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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